

Message Text

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ACTION COME-00

INFO OCT-01 AF-10 ISO-00 EB-08 /019 W
-----094722 120059Z /62

R 111345Z AUG 77

FM AMEMBASSY PRETORIA

TO SECSTATE WASHDC 8398

INFO FAS/USDA WASHDC

UNCLAS PRETORIA 4039

FROM AGATTACHE, PRETORIA

E.O. 11652: N/A

TAGS: BEXP, SF

SUBJECT: IRRIGATION EXPENDITURES IN SOUTH AFRICA

REF: STATE 185648

1. THE FOLLOWING INFORMATION WAS FURNISHED BY RSA'S
DIVISION OF AGRICULTURAL ENGINEERING:

AREA UNDER IRRIGATION IN RSA DURING 1976 WAS:

METHOD	HECTARE	PERCENT
FLOOD-----	500,000	55
SPRINKLER-----	400,000	44
DRIP/MICROJET-----	11,000	1
TOTAL-----	911,000	

THE CAPITAL COST OF PROTABLE SPRINKLER IRRIGATION IS
ESTIMATED AT ABOUT R350/HECTARE WHILE DRIP OR MICROJET
IRRIGATION AMOUNTS TO ABOUT R600-1,500 PER HECTARE.
UNFORTUNATELY THERE IS NO ANNUAL EXPENDITURE DATA ON
IRRIGATION EQUIPMENT AVAILABLE.

THE PROJECTED RATE OF EXPANSION IN MECHANIZED IRRIGATION IS:

ANNUAL INCREASE IN AREA COVERED: HECTARE-

1976; 2,500: 1980; 6,000: 1984; 10,000: 1988; 15,000:

1992; 20,000: 1996; 20,000: 2,000; 20,000.

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A FORECAST OF IRRIGATION METHODS IN THE YEAR 2,000 AD
IS:

FLOOD-----300,000 HECTARES

PIVOT-----200,000 HECTARES

OTHER MECHANIZED SPRINKLER-----200,00 HECTARES

NON-MECHANIZED SPRINKLER-----300,00 HECTARES

DRIP-&MICROJET-----100,000 HECTARES

TOTAL 1,100,000 HECTARES.

AFTER 2,00 VERY LITTLE EXPANSION IN IRRIGATION IS
EXPECTED AS ALL KNOWN WATER RESOURCES WILL BE FULLY
UTILIZED. NELSON

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
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Decaption Note:
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Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
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Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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